

HEALTH MONITORING DEVICE

ABSTRACT

A wearable health monitoring device includes a plurality of sensors configured to monitor health indicators, one or more memory communicably coupled to the sensors for storing detected health indicators as data, a transceiver communicably coupled to the sensors for wireless communications configured for transmitting and receiving data, one or more medication delivery systems for administering substances to a patient, and a processor configured to dynamically regulate substance delivery to the patient where the processor is responsive to indicator data. Also, a method for monitoring the health indicators of a patient includes storing an individualized patient profile to establish normal ranges of health indicators, detecting patient health indicators, comparing detected health indicators to the patient profile, and initiating a programmatic response to one or more of the detecting step and the comparing step.